

Abstract

METHODS FOR TREATING AND PREVENTING INSULIN RESISTANCE AND RELATED DISORDERS

The invention provides methods, therapeutics and kits for treating and preventing diseases or conditions associated with excessive lipolysis, in particular TNF- α induced lipolysis, and/or excessive free fatty acid levels. Exemplary conditions include insulin-resistance, diabetes, in particular NIDDM, obesity, glucose intolerance, hyperinsulinemia, polycystic ovary syndrome, and coronary artery disease. In a preferred embodiment, the method includes administering to a subject in need a pharmaceutically effective amount of an inhibitor of the JNK signal transduction pathway and/or an inhibitor of the MAPK/ERK signal transduction pathway .

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